

FIRE PROTECTION WATER TANK REQUIREMENTS.

(1) **WATER RESERVOIR REQUIREMENTS.** Developers shall provide emergency water reservoirs for fire protection purposes within subdivisions as follows:

Subdivisions from:

5 to 50 lots: One 30,000-gallon reservoir.

51 or more lots: Two 30,000-gallon reservoirs.

(2) **TANK LOCATION.** The tank location shall be determined by the City of Shueyville after receiving a recommendation from the Fire Chief and City Engineer.

(a) If one (1) tank is required, the tank shall be centrally located within the new subdivision.

(b) If two (2) tanks are required, the tanks shall be equally accessible throughout the subdivision with no more than 1,000 feet of unobstructed roadway to a protected structure. This may require more than two (2) tanks.

(3) **SPECIFICATIONS.**

(a) Pea gravel bedding will be utilized for backfilling and for base.

(b) Tanks must be made of fiberglass or alternate material as approved by the City Engineer and installed to manufacturer's specifications.

(c) The drafting/suction pipe height above the finished roadway surface shall be 24 inches to the centerline of the elbow fitting of the 6-inch pipe. A 2-inch inspection pipe shall be installed on the vent pipe.

(d) The drafting pipe shall extend to within 12 inches of the bottom of the tank with a fitted strainer to protect against debris ½ inch or more in size. The length of the draft pipe should be kept to a minimum after meeting the requirements of subsection (c). The drafting pipe shall be 6 inches in diameter and shall terminate horizontally with an elbow to accept the 6-inch national standard female hydrant fitting with cap and chain.

(e) A screened, 8-inch cistern / site vent pipe with the opening facing downward will be included in all tanks. The vent pipe shall be a minimum of 36 inches above the finished roadway surface. The vent pipe shall have a 2-inch capped inspection pipe located at the top.

(f) A 4-inch fill pipe with elbow will be provided by the installer which terminates 24 inches above the finished roadway surface, measured at the pipe with 5 inch Storz Connection and cap with 2 ½ inch national standard thread adaptor in the cap connected with a chain.

(g) The maximum distance from the road edge to the drafting pipe shall not exceed 8 feet. This will allow a fire pumper, positioned on the finished road surface using one section of standard hard suction hose, to easily reach the draft pipe.

(h) All aboveground piping shall be primed and then painted red for suction with a 4½ inch adapter, white for vent, and yellow for fill by the installer before the tank is approved for service and filled.

(i) A 24 inch man-way with internal ladder which is terminated at the landscaped surface shall be included in all tanks.

(j) The contractor installing the tank shall also install a "no parking" sign at a location specified by the Fire Department. The sign and installation shall be at the expense of the subdivider.

(k) The installation shall be made with consideration of the winter temperatures. Steps will be taken to insure the piping and water in the tank will not freeze during extended periods of below zero weather.

(4) ADMINISTRATION.

(a) Inspections. The developer or the installer of the water tank shall notify the Fire Department protecting the fire district in which the subdivision is located of the completion of the installation for purposes of inspection. Forty-eight hour notification shall be provided, and a \$25.00 fee shall be submitted to the Fire Department to cover the cost of inspection. All new or upgraded installations shall require inspection. Once approved, tanks shall be filled by the Fire Department. Water tank inspection forms may be obtained from the Town Clerk or Fire Department protecting the district.

(b) The subdivider or contractor installing the tank shall post with the City of Shueyville a \$1,000.00 bond to be held by the City until the tank has received final Fire Department approval.

(c) Any municipal or private Fire Department may utilize the water tank for fire protection purposes. All tanks shall be refilled by the department making use of the water. Refilling shall be accomplished as soon as possible.

(d) The Fire Department having fire protection responsibility for the district in which the subdivision is located shall inspect the water tanks in the spring of each year.

(e) The lot containing the tank(s) shall have an easement between the City of Shueyville and the Jefferson Monroe Fire Department upon the completion of the development.

EFFECTIVE DATE. This ordinance shall become effective after its final passage, approval and posting as provide by law.

On the 11 day of July, 2017, at a regular meeting of the Shueyville City Council, Shueyville, Iowa, Councilperson Neuhaus introduced Ordinance No. 43, and moved that it be given its first reading. The motion was seconded by Councilperson Lacy.

Ayes: Lacy, Frisk, Foss, Neuhaus

Nays: none

Absent: Anderson

4 members of the Council being present and having voted "Aye", Mayor Mickey Coonfare declared the motion carried, and Ordinance No.43 was read the first time and discussed and placed on record.

On the 8 day of August, 2017, at a regular meeting of the Shueyville City Council, Shueyville, Iowa, thereupon, it will be noted that the laws and rules providing that ordinances be considered and voted on for passage at two council meetings prior to the meeting at which it is to be finally passed be suspended and dispensed with and that Ordinance No. 43 be placed on its last reading, it was moved by Councilperson Lacy and seconded by Councilperson Foss.

Ayes: Neuhaus, Lacy, Foss, Frisk

Nays: none

Absent: Anderson

4 members of the council being present and having voted "Aye", Mayor Mickey Coonfare declared the motion carried, and Ordinance No. 43 was then placed on its last reading and was read the last time and final passage and adopted.

On the 8 day of August, 2017, at a regular meeting of the Shueyville City Council, Shueyville, Iowa, thereupon, it was moved by Councilperson Neuhaus and seconded by Councilperson Frisk that Ordinance No. 43 be placed upon its final passage and adopted

Ayes: Lacy, Frisk, Neuhaus, Foss

Nays: none

Absent: Anderson

4 members of the council being present and having voted "Aye", Mayor Mickey Coonfare declared the motion carried, and Ordinance was then placed passed and adopted.

Whereupon the Mayor declared that Ordinance No.43 be adopted and signified her approval of same by fixing her signature thereto.

Passed by the council on the 8 day of August 2017 and approved by the Mayor on the 8 day of August 2017.

CITY OF SHUEYVILLE:

MICKEY COONFARE, Mayor

ATTEST:

Teresa Eadie, City Clerk

(OFFICAL SEAL)

I, Teresa Eadie, Clerk of the City of Shueyville, Iowa, state that an ordinance entitled “AN ORDINANCE AMENDING THE SHUEYVILLE CODE OF ORDINANCES TO FIRE PROTECTION WATER TANK REQUIREMENTS and known as Ordinance No. 43 was duly passed by the council on the 8 day of August 2017, and signed by the Mayor on the 17 day of August 2017, and by posting copies thereof in three public places within the limits of the City of Shueyville, Iowa.

That I posted copies of Ordinance No. 43 in the following places:

Shuey's
City of Shueyville website
Community Center

Teresa Eadie, City Clerk